**Class Summary**

The responsibilities of this classification include performing skilled welding, plumbing, and mechanical work in the maintenance and repair of transit buildings, facilities, structures, and equipment. Work is performed independently under the general supervision of a higher-level facility maintenance supervisor.

**Distinguishing Characteristics**

This is the second level in a three-level classification series. This classification is distinguished from the Transit Facilities Constructor - Lead classification in that incumbents in the Transit Facilities Constructor -Lead are coordinating the work of and providing technical assistance to maintenance constructors and support personnel engaged in maintaining, repairing, testing, and certifying plumbing and piping systems.

**Examples of Duties**

*In addition to the duties for lower-level classifications within the Transit Facilities Constructor series, the Transit Facilities Constructor II will:*

1. Install, modify, maintain, repair, test, and certify components of plumbing and piping systems, backflow prevention assemblies, water and industrial wastewater, and related systems.
2. Repair, maintain, modify, test, and certify fire prevention/suppression systems, sprinklers, and associated fire, life safety, and mechanical devices.
3. Install and anchor equipment, assemblies, and auxiliary devices to structures in compliance with building and seismic codes and regulations.
4. Maintain various equipment and mechanical systems for bus vehicle maintenance.
5. Maintain and service equipment, including pumps, pressure washers, gates, shop machinery, groundskeeping, and heavy-duty equipment.
6. Fabricate and weld ferrous and non-ferrous metals required to repair and maintain facilities, passenger shelters, equipment, and structures.
7. Operate and haul mobile cranes heavy-duty equipment, including cranes, backhoes, loaders, dump trucks, forklifts, snowplows, road sanding, and similar equipment.
8. Maintain varied records, including work performed, time spent, materials used, operating logs, and related information; enter and extract data using automated systems; maintain manual records as required.
9. Perform other duties as assigned.

**Knowledge/Skills**

Knowledge of principles, practices, techniques, tools, and equipment of the plumbing, pipe, and steam fitting trades

Knowledge of oxyacetylene and various types of electric arc welding

Knowledge of the repair and installation of industrial water and wastewater systems

Knowledge of the installation and repair of hydraulic and pneumatic systems

Knowledge of the installation and repair of fire suppression, sprinkler, and irrigation systems

Knowledge of and skill in the operation and repair of heavy-duty and related equipment

Knowledge of the repair and maintenance of varied auxiliary equipment, including pumps, pressure washers

Knowledge of standard construction practices, principles, and building systems

Knowledge of related building and health codes and regulations

Knowledge of safe moving and lifting practices, occupational hazards, and safety requirements

Skill in communication

Skill in customer service

Skill in the interpretation and application of building blueprints and related design schematics

Skill in the use of the tools and equipment used in plumbing and mechanical repairs

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite

**Education and Experience Requirements**

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification, and Other Requirements**

OSHA-approved mobile crane operator certification

Seattle Fire Department AS-ITT fire system certification

Washington State Department of Health Backflow assemble tester – BAT

Washington State Driver License CDL Class A with air brakes

Completion of a recognized plumbing, steam fitting, or similar apprenticeship program or equivalent hands-on experience

Must pass a post-offer, pre-employment physical examination

Must pass drug and alcohol testing provisions for safety-sensitive positions as required by the U.S. Department of Transportation, 49 CFR Parts 40 and 655

Work requires reporting for duty during adverse weather events and other emergencies

Willingness and availability to work different shifts on weekdays, nights, weekends, and holidays

Some licenses, certifications, and other requirements determined to be necessary to meet the business needs of the employing unit may be required

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| **FLSA Designation** | Non-Exempt |
| **Service Status** | Career Service |
| **EEO Code** | 7 |
| **Levels within same series** | Transit Facilities Constructor I, Transit Facilities Constructor II, Transit Facilities Constructor-Lead |
| **Class History** | 05/2024 - Created |